RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number:	10/584,362
Source:	IFWP
Date Processed by STIC:	7/7/06
	7.1

ENTERED



IFWP

RAW SEQUENCE LISTING DATE: 07/07/2006
PATENT APPLICATION: US/10/584,362 TIME: 14:37:38

Input Set : A:\Sequence Listing.txt
Output Set: N:\CRF4\07072006\J584362.raw

4 <110> APPLICANT: Bos, Martine Petronella Poolman, Jan Tefsen, Boris 6 Tommassen, Johannes Petrus Maria 9 <120> TITLE OF INVENTION: Vaccine 12 <130> FILE REFERENCE: VB60639 C--> 14 <140> CURRENT APPLICATION NUMBER: US/10/584,362 15 <141> CURRENT FILING DATE: 2006-06-23 17 <150> PRIOR APPLICATION NUMBER: PCT/EP2004/014770 18 <151> PRIOR FILING DATE: 2004-12-21 20 <150> PRIOR APPLICATION NUMBER: GB 0329837.0 21 <151> PRIOR FILING DATE: 2003-12-23 23 <150> PRIOR APPLICATION NUMBER: GB0416398.6 24 <151> PRIOR FILING DATE: 2004-07-22 26 <160> NUMBER OF SEQ ID NOS: 27 28 <170> SOFTWARE: FastSEQ for Windows Version 4.0 30 <210> SEQ ID NO: 1 31 <211> LENGTH: 20 32 <212> TYPE: DNA 33 <213> ORGANISM: Artificial Sequence 35 <220> FEATURE: 36 <223> OTHER INFORMATION: Primer 38 <400> SEQUENCE: 1 39 cccaaaqcqa aqtqqtcqaa 20 41 <210> SEQ ID NO: 2 42 <211> LENGTH: 26 43 <212> TYPE: DNA 44 <213> ORGANISM: Artificial Sequence 46 <220> FEATURE: 47 <223> OTHER INFORMATION: Primer 49 <400> SEQUENCE: 2 50 gtcgactatc ggtagggcgg gaactg 26 52 <210> SEQ ID NO: 3 53 <211> LENGTH: 26 54 <212> TYPE: DNA 55 <213> ORGANISM: Artificial Sequence 57 <220> FEATURE: 58 <223> OTHER INFORMATION: Primer 60 <400> SEQUENCE: 3 61 gtcgacgacc gcatcatcqt qatqqa 26 63 <210> SEQ ID NO: 4 64 <211> LENGTH: 20

65 <212> TYPE: DNA

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Input Set : A:\Sequence Listing.txt
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69 <223> OTHER INFORMATION: Primer
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76 <212> TYPE: DNA
77 <213> ORGANISM: Artificial Sequence
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80 <223> OTHER INFORMATION: Primer
82 <400> SEQUENCE: 5
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85 <210> SEQ ID NO: 6
86 <211> LENGTH: 27
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88 <213> ORGANISM: Artificial Sequence
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104 Ser Gly Ser Asp Gln Ala Lys Gly Thr Asp Pro Leu Lys Asn His
105
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RAW SEQUENCE LISTING DATE: 07/07/2006
PATENT APPLICATION: US/10/584,362 TIME: 14:37:38

Input Set : A:\Sequence Listing.txt
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RAW SEQUENCE LISTING DATE: 07/07/2006
PATENT APPLICATION: US/10/584,362 TIME: 14:37:38

Input Set : A:\Sequence Listing.txt
Output Set: N:\CRF4\07072006\J584362.raw

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		SEQ I														
		LENGT		6												
		TYPE:														
		ORGAN		Art	ific	ial	Sequ	ence								
		FEATU														
		OTHER			rion	: Pr	imer									
		SEQUE														
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	32 <210> SEQ ID NO: 19															
	233 <211> LENGTH: 29 234 <212> TYPE: DNA															
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		ORGAN		Art	lllc	ıaı	sequ	ence								
		FEATU		^~												
		OTHER			LION	: Pr	ımer									
		SEQUE				.										
		tcctc .		_	cc g	ttge	gtcc									29
		SEQ I														
	244 <211> LENGTH: 802 245 <212> TYPE: PRT															
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		SEQUE			SSCI.	ra iii	CIITII	grer	115							
		la Arg			Ser	T. - 11	Lvc	Pro	T. 0 11	Val	T. - 311	בומ	T.011	Glv	T.e.u	
250		ia nig	пси	5	DCI	шец	цуъ	FLO	10	vai	пец	ALA	шeu	15	пец	
		he Gly	Thr		Cvc	Δla	Δla	Δla		בומ	Val	בומ	בומ		Glu	
252	0,0 1.	ic dry	20	*****	Cys	AIU	niu	25	App	AIU	vai	AIG	30	Giu	Giu	
	Thr A	sp Asn		Thr	Δla	Glv	Glu		Val	Ara	Ser	Val		G111	Pro	
254		35				0 -1	40	-	*41	9	001	45	DCI	014	110	
	Ile G	ln Pro	Thr	Ser	Leu	Ser		Glv	Ser	Thr	Cvs	-	Phe	Cvs	Ser	
256	5					55		1			60	~		-,.		
		lu Ser	Glv	Ser	Pro		Ara	Thr	Glu			Val	Gln	Glv	Ser	
258		-	2		70					75				1	80	
		lu Ala	Ser	Ile		Glu	Asp	Tvr	Thr		Ile	Val	Ala	Asp		
260	_			85			P	- 1 -	90					95	5	
	Met G	lu Gly	Gln		Gln	Val	Gln	Val		Ala	Glu	Glv	Asn		Val	
		- 4										1				

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/584,362

DATE: 07/07/2006 TIME: 14:37:38

Input Set : A:\Sequence Listing.txt
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262				100					105					110		
	Val	Glu	Ara		Ara	Thr	Thr	Leu		Thr	Asp	Trn	Δla		Tur	Aen
264	• • • •	014	115		5			120	11011	****	тюр		125	7101	- 7 -	нор
	Gln	Ser		Asn	Thr	Val	Thr	Ala	Glv	Asn	Δra	Phe		T.011	Gln	Gln
266	0111	130	Gry	rop	1111	VUI	135	nia	GLY	vob	Arg	140	Ата	пеп	GIII	GIII
	Aen		Thr	T.611	Tla	Δνα		Glu	Thr	T.011	Thr		Nan	LOU	Gl ₁₁	Gln
	145	OLY	1111	Dea	110	150	Gry	Olu	1111	пец	155	ı yı	ASII	цец	GIU	160
		Thr	Gl v	Glu	λla		λcn	Val	λνα	Mot		T10	Gl 11	Cln	C1	
270	OIII	1111	GLY	GIU	165	1113	ASII	vai	Arg	170	GIU	116	GIU	GIII	175	GIY
	λνα	λνα	T 011	Cln		17-1	802	Arg	Thr		C111	Mot	T 011	C1		C1
272	n y	Arg	Бец	180	Ser	vai	Ser	Arg	185	AIA	GIU	Mec	пеп	190	Giu	Gry
	Hic	Tur	Laze		Thr	Glu	Thr	Gln		Δen	Thr	Cve	Sar		Glv	Acn
274	1115	1 y 1.	195	ПСИ	1111	GIU	1111	200	FIIC	VOII	1111	Cys	205	лта	Gry	rsb
	Δla	G1 _V		ጥኒኒኒ	va 1	Larg	Δla	Ala	Sar	Va l	Glu	21 a		Ara	G111	Lve
276	niu	210	115	- y -	vai	цуз	215	ALU	DCI	vai	Giu	220	лэр	nr 9	GIU	цуз
	Glv		Glv	Wal	Δla	Lare		Ala	Δla	Dhe	T = T	_	Glv	Glv	172]	Pro
	225	110	Gry	Val	ALG	230	1113	ліа	лια	FILE	235	FIIC	Gry	GLY	Vai	240
		Phe	Tur	Thr	Pro		Δla	Asp	Dhe	Pro		Δen	Glv	Δen	Δra	
280	116	rne	T Y L	1111	245	пр	Ата	чэр	FIIC	250	пец	тэр	Gry	VOII	255	пуъ
	Ser	Glv	T.e.11	T.e.11		Pro	Ser	Leu	Ser		Glv	Sar	Δen	Glv		Sar
282	JCI	Ory	пси	260	vai	110	JCI	пси	265	Аια	Gry	DCI	ASP	270	Val	Der
	T.e.11	Ser	Val		Туг	Туг	Dha	Asn		Δla	Pro	Δen	T.011		Δla	Thr
284	шси	DCI	275	110	1 y L	- y -	1110	280	шса	AIU	110	ASII	285	тэр	AIG	1111
	Phe	Δla		Ser	Val	Tle	Glv	Glu	Δra	Glv	Δla	Val		Δen	G1 v	Gln
286		290		JCI	vul	110	295	Ozu	9	O ₁	niu	300	1110	пор	O _T y	0111
	Val		Tvr	T.e.ii	Δτα	Pro		Tyr	Δla	Glv	Gln		Δen	T.e.11	Thr	Trn
	305		-1-			310	1101	-1-			315	001	пор	204		320
		Pro	His	Asn	Lvs		Ser	Gly	Ara	Asn		Ara	Tur	Gln	Δla	
290					325	_, _	501	017		330	*****	9	- 7 -	01	335	270
	Trp	Gln	His	Ara		Asp	Tle	Ser	Asp		Len	Gln	Ala	Glv		Asp
292				340					345					350		
	Phe	Asn	Gln		Ser	Asp	Ser	Gly		Tvr	Ara	Asp	Phe		Glv	Asn
294			355			E		360	-1-	-1-	5		365	-1-	4-1	
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296		370			2		375				5	380		F		
	Tyr		Glv	Arq	Ala	Ala		Gly	Ser	Leu	Asn		Glv	Leu	Ser	Val
	385	_	_	3		390	- 4	2			395		4			400
299	Leu	Lys	Tyr	Gln	Thr	Leu	Ala	Asn	Gln	Ser	Gly	Tvr	Lys	asp	Lys	
300		•	•		405					410	-	-	•	•	415	
	Tyr	Ala	Leu	Met		Arq	Leu	Ser	Val		Trp	Arq	Lys	Asn		Gly
302	-			420					425		•		4	430		2
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304	-		435		•			440				-	445			-
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308						470	-	-			475	-		-		480
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VERIFICATION SUMMARY

DATE: 07/07/2006 TIME: 14:37:39

Input Set : A:\Sequence Listing.txt
Output Set: N:\CRF4\07072006\J584362.raw

L:14 M:270 C: Current Application Number differs, Replaced Current Application Number

PATENT APPLICATION: US/10/584,362